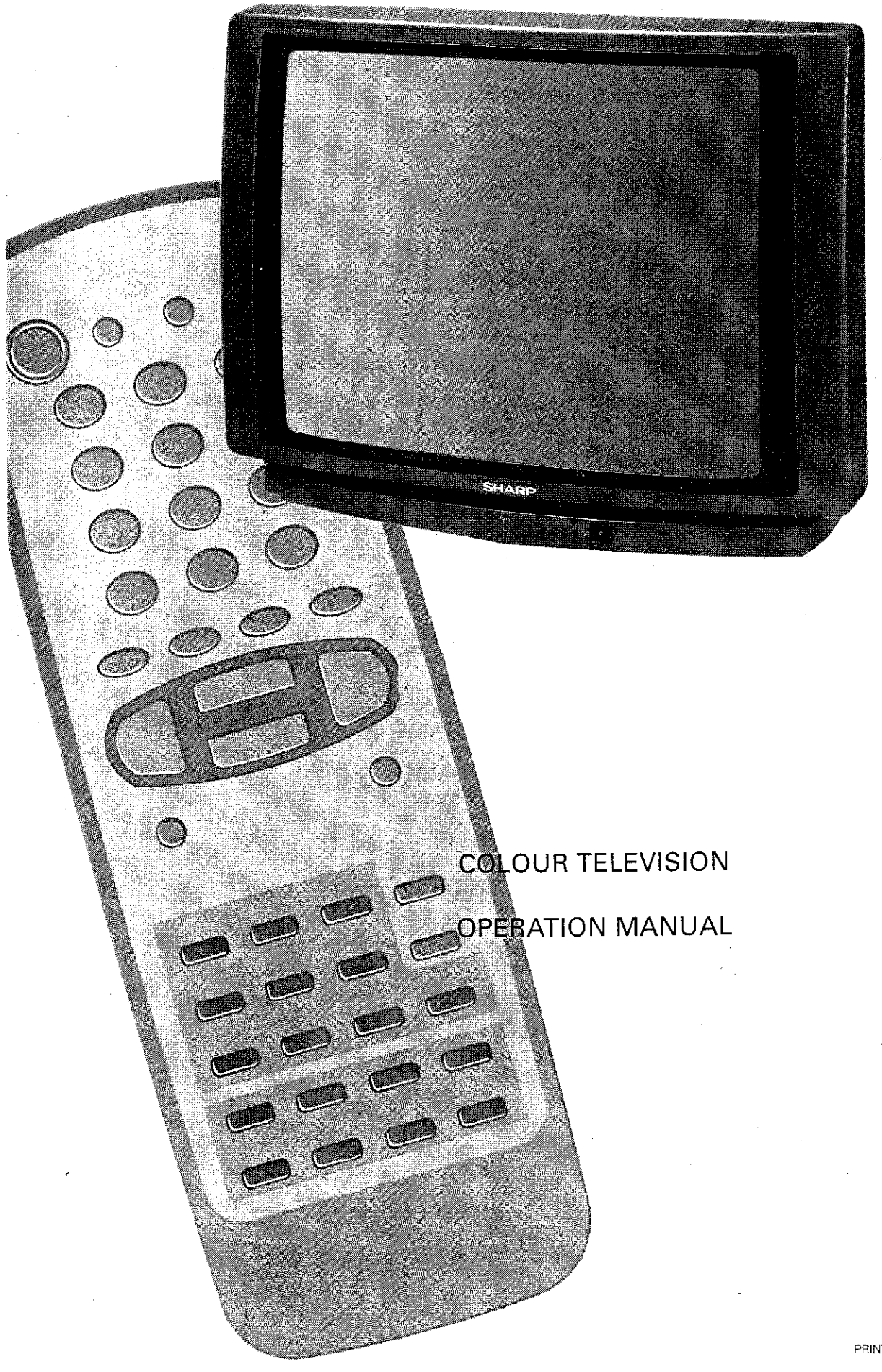
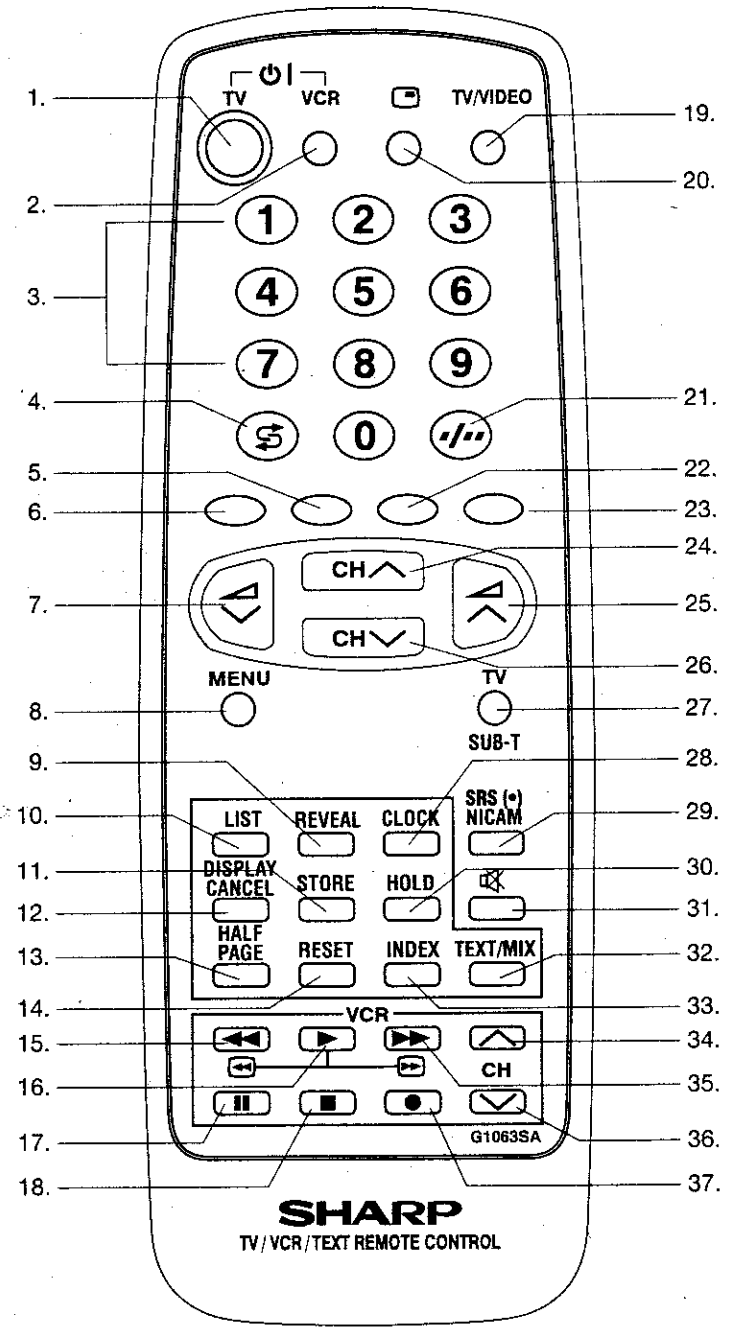
SHARP



COLOUR TELEVISION

OPERATION MANUAL

PRINTED IN RECYCLED PAPER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TV
VCR
TV/VIDEO
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4
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7
8
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CH
CH
MENU
TV
SUB-T
LIST
REVEAL
CLOCK
SRS (•)
NICAM
DISPLAY
CANCEL
STORE
HOLD
HALF
PAGE
RESET
INDEX
TEXT/MIX
VCR
CH
G1063SA
SHARP
TV / VCR / TEXT REMOTE CONTROL

This equipment complies with the requirements of Directives 89/336/EEC and 73/23/EEC as amended by 93/68/EEC.

TERMS OF GUARANTEE

Subject to the conditions listed below Sharp Electronics (U.K.) Ltd. (hereinafter called «the Company») guarantee to provide for the repair of, or at its option replace the Sharp Equipment, or any component thereof, (other than Batteries), which is faulty or below standard, as a result of inferior workmanship or materials.

The conditions of the Guarantee are:

1. This guarantee shall only apply to defects or faults which are notified to the Company, or its approved Service Facility within one year from the date of purchase of the equipment.

2. This Guarantee covers equipment intended for private domestic use only. This guarantee does not apply to equipment used in the course of a business, trade or profession.

3. This Guarantee does not cover any faults or defects caused by accident, misuse, fair wear and tear, neglect, tampering with the equipment, or any attempt at adjustment or repair other than by an approved Service Facility.

4. In the unlikely event of your equipment requiring repair, please contact the Dealer or Supplier from whom it was purchased. Where this is not possible please contact the telephone number listed below. You will then be given details of how to obtain service.

   0345-125387

   Please Note: All calls will be charged at local rate.

5. The cost of carriage to and from the Dealer, Supplier or Sharp approved Service Facility shall be borne by the purchaser.

6. No person has any authority to vary the terms or conditions of this Guarantee.

7. This Guarantee is offered as an additional benefit to the consumer's statutory rights and does not affect these rights in any way.

Dear SHARP Customers

«SHARP» consumer electronic products have established a worldwide reputation for unsurpassed quality and precision manufacturing techniques since 1924, when the famous SHARP trademark first appeared on a radio receiver.
Your new SHARP Colour TV uses the very latest electronic circuitry and engineering advances for the best possible performance.
Given proper care, your new TV will provide many years of entertainment for the entire family. Please read the following instructions before operating this set.

SPECIAL NOTE FOR USERS IN THE U.K.

The mains lead of this product is fitted with a non-rewireable (moulded) plug incorporating a 3A fuse. Should the fuse need to be replaced, a BSI or ASTA approved BS 1362 fuse marked ⛉ or ⛉ and of the same rating as above, which is also indicated on the pin face of the plug must be used.

Always refit the fuse cover after replacing the fuse. Never use the plug without the fuse cover fitted.

In the unlikely event of the socket outlets in your home not being compatible with the plug supplied, cut-off the mains plug and fit an appropriate type.

DANGER: The fuse from the cut-off plug should be removed and the cut-off plug destroyed immediately and disposed of in a safe manner.

Under no circumstances should the cut-off plug be inserted elsewhere into a 13A socket outlet as a serious electric shock may occur.

To fit an appropriate plug to the mains lead follow the instructions below:

IMPORTANT: The wires in the mains lead are coloured in accordance with the following code:
Blue: Neutral
Brown: Live

As the colours of the wires in the mains lead of this product may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

- The wire which is coloured blue must be connected to the plug terminal which is marked N or coloured black.
- The wire which is coloured brown must be connected to the plug terminal which is marked L or coloured red.

Ensure that neither the brown nor the blue wire is connected to the earth terminal in your three pin plug.

Before replacing the plug cover make sure that:

- If the new fitted plug contains a fuse, its value is the same as that removed from the cut-off plug.
- The cord grip is clamped over the sheath of the mains lead and not simply over the lead wires.

IF YOU HAVE ANY DOUBT CONSULT A QUALIFIED ELECTRICIAN.

In the unlikely event of this equipment requiring repair during the guarantee period, you will need to provide proof of date of purchase to the repairing company.
Please keep your invoice or receipt, which is supplied at the time of purchase.

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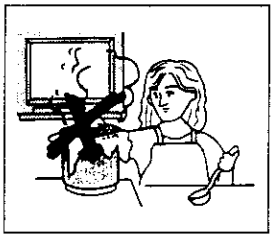
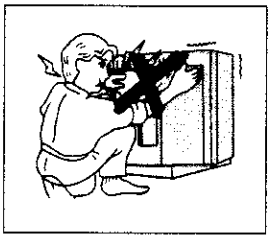
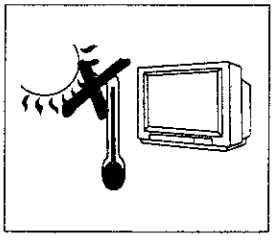
Safety precaution



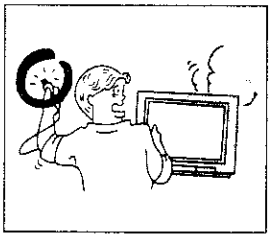
To prevent fire or electrical shock, do not use the TV set in an excessively damp place.



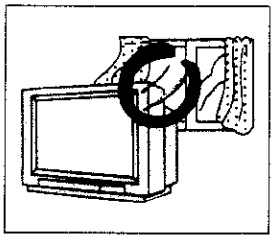
Never remove the back of the cabinet, as there is high voltage inside the TV set.
Please call the service.



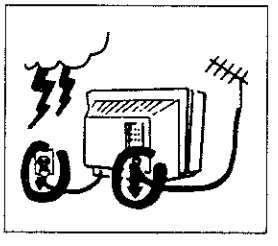
Position the TV set out of direct sunlight and away from heat, as high temperatures can damage the cabinet, CRT, or other electronic parts.



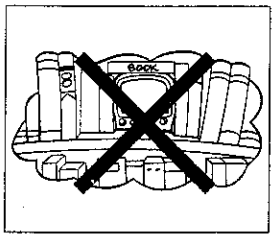
Unplug the power cord from the wall outlet immediately if the TV set begins to make unusual noises or give off smoke or an odd smell, then call your dealer for service.



Do not cover the ventilation holes at the back of the TV set, this can cause fire or other serious problems.
Leave an adequate open space behind the TV set for good ventilation.



Always disconnect yourtelevision from the mainsand the aerial cablesduring thunderstorms.
Even if your television is switched off, it can still be damaged by lightning striking the mains and/or aerial cable.



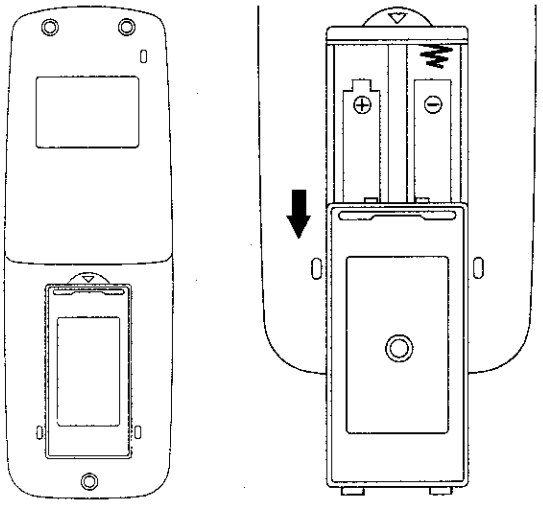
Do not install this equipment in a confined space such as a bookcase or a built-in cabinet.

CAUTION
Make sure that the main power is switched off when going out.

Feature list

- Auto Installation System
- ACSS function (Auto Channel Sorting System)
- 40 Channel Programming System
- Cable and Hyperband
- Teletext
- OSD System (On Screen Display)
- Tint Control
- OPC (Optical Picture Control)
- Blue Back Noise Mute Function
- Digital Stereo NICAM
- 3D SURROUND SRS
- SUBWOOFER connection (except 51DS-05H model)
- Child Lock System
- ON-OFF Timer
- 21pin Euro SCART Connector (RGB)
- 21pin Audio/Video Connector (AV-1) with S-Video input
- Front Audio/Video Input Terminal
- Headphone Terminal

Remote Control Battery Installation



Installing the Batteries

1. Remove the cover and insert two «AA» or «UM-3» 1.5 V batteries as illustrated.
2. Position the positive and negative ends of the batteries as indicated.

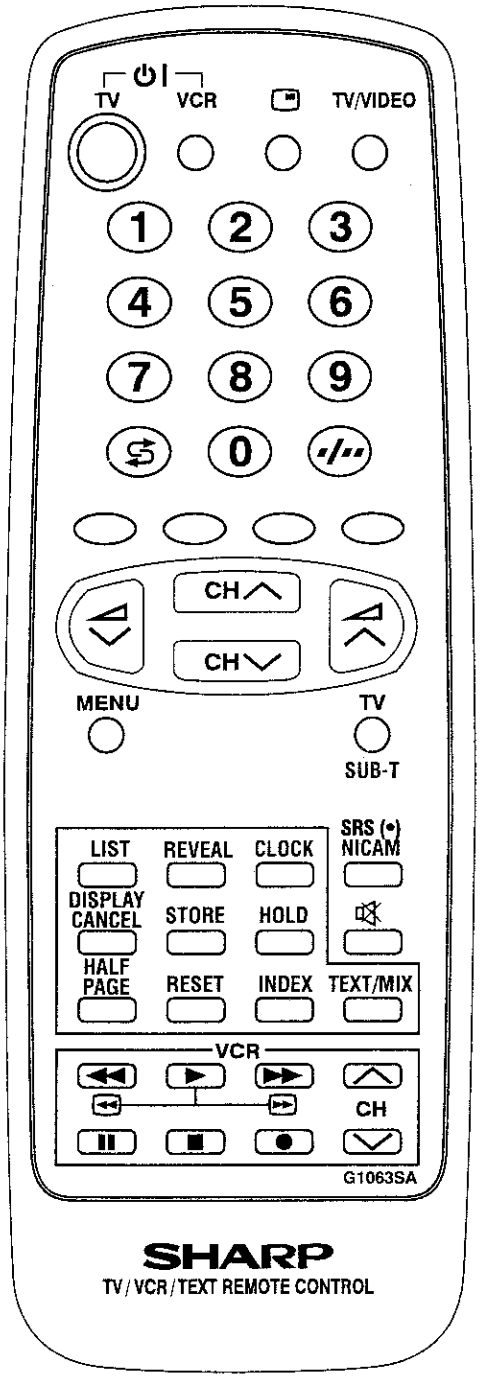
Special note

SRS, the SRS symbol and Sound Retrieval System are registered trademarks of SRS Labs, Inc. In the United States and selected foreign countries.

SRS (Sound Retrieval System) technology manufactured under license from SRS Labs, Inc.

SRS (Sound Retrieval System) technology is protected by two USA patents: 4,748,669 and 4,841,572 and additional Patents worldwide.

Remote control



TV
1. Stand-by ON/OFF switch (TV)
2. Power ON/OFF switch (VCR)
3. Digit buttons 0-9
4. Flashback button
5. Colour button (green)
6. Colour button (red)
7. Volume down/Cursor control left
8. Menu button

Teletext
9. Reveal button
10. List selector
11. Store button
12. Cancel button
13. Top/Bottom/Full button
14. Reset button

Video
15. Rewind/picture search/reverse
16. Play button
17. Pause/Still button
18. Stop button

TV
19. TV/VIDEO selector
20. Channel Call button
21. Single/Double entry
22. Colour button (yellow)
23. Colour button (blue)
24. Channel up/Cursor control up
25. Volume up/Cursor control right
26. Channel down/Cursor control down
27. TV button/Subtitle
28. Time button
29. Sound mode selector (SRS/NICAM)

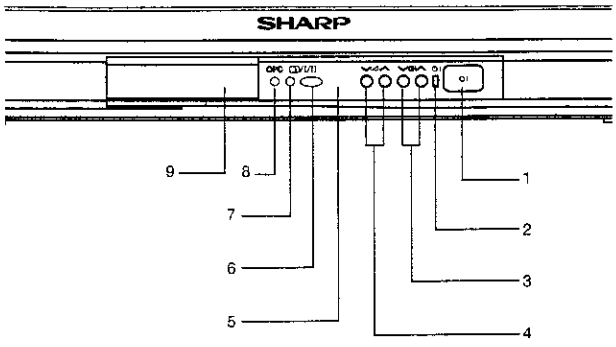
Teletext
30. Hold button
31. Sound Mute button
32. Text/Mix button
33. Index button

Video
34. Channel up selector
35. Fast forward/picture search/forward
36. Channel down selector
37. Record button

Controls & Terminals

FRONT TV

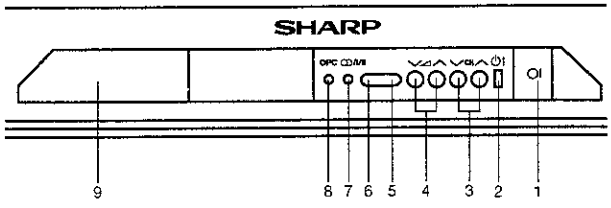
66DS-05H



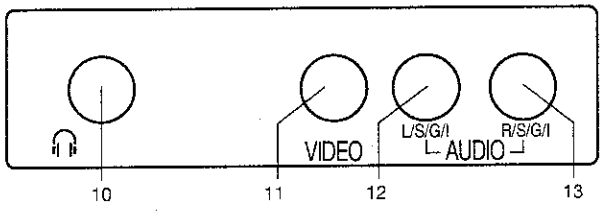
1. Main Power On/Off Switch
2. Power Indicator
3. Program Selector (Up/Down)
4. Volume Buttons (Up/Down)
5. Remote Control Sensor
6. O.P.C. Sensor
7. Sound Indicator
8. O.P.C. and Remote Control Indicator
9. DOOR

Behind the door

51DS-05H



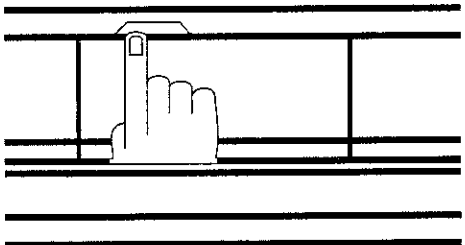
10. Headphone socket
11. Video input terminal
12. Audio input terminal (left)
13. Audio input terminal (right)



HOW TO OPEN THE DOOR

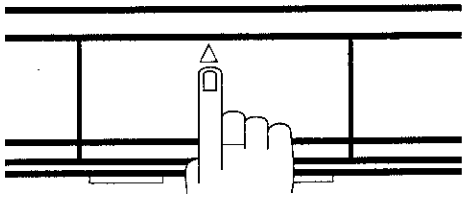
59DS-05H 66DS-05H

Put your finger in the depression and pull toward you to open.



51DS-05H

Press the top of the door, opening it slightly. Hook your finger inside and pull open.



REAR TV

External speaker (except 51DS-05H)

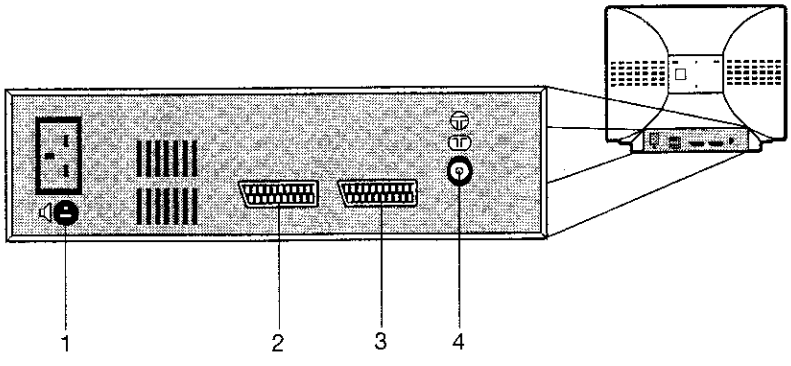
1. Subwoofer output (4,5 Ω / 13 W mpo)

21-pin In/Out

2. 21-pin Audio/Video (AV-1) with S-Video input
3. 21-pin Euro SCART (RGB)

RF Input

4. Antenna terminal

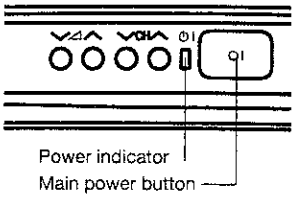


Auto Installation

Auto Installation System

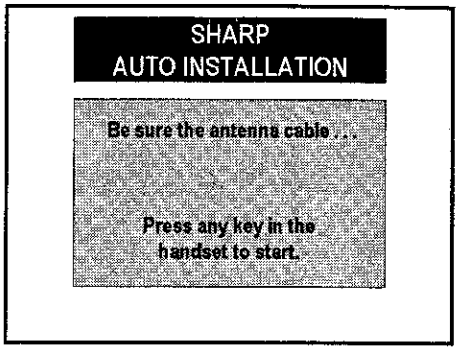
Your television set is provided with an Automatic Installation System which makes installation easier.

This new system is activated when you turn on the TV for the first time.



Procedure:

1. Connect the antenna jack in the antenna input terminal on the rear side of your TV set. Then connect the TV power cable to a 220~240 V system.
2. Press the main power button ⏻, on the right hand side of the TV set, and the AUTO INSTALLATION message will appear on the screen.
3. Put batteries into the remote control and follow the instructions on the screen.



The TV will go through the following steps Automatically and sequentially:

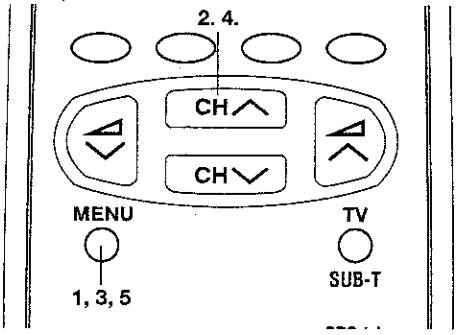
Automatic channel Sorting System (ASS): The TV set SEARCHES FOR FREQUENCIES, memorises the channels found and sorts them (according to technical criteria) from Pr 1 of the TV, to a maximum of 40 programmes.

Editing: When the AUTOMATIC SEARCH has been completed, the list of memorised programmes appears. In this menu, you can change the order of the channels and change or give the channels a four letter name.

NOTE: You may not have to follow this procedure if it has already been done for you at the establishment where you purchased your TV. If this is the case, please go on to the section entitled «Switching ON».
If you need to repeat the AUTO INSTALLATION, read on.

TO REPEAT THE AUTO INSTALLATION

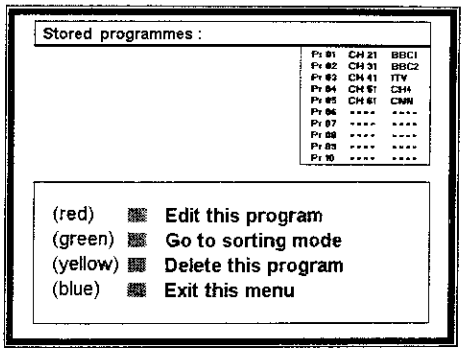
1. Press the MENU button ● to see the Main Menu.
2. Press the Cursor UP button ▲ to select «INSTALL AND TUNE».
3. Press the MENU button ● to see the INSTALLATION Menu.
4. Press the Cursor UP button ▲ to select AUTO-TUN.
5. Press the MENU button ● to start the AUTO INSTALLATION.



Stored programmes

When the TV has finished the automatic search, the «Stored programmes» menu will appear on screen with a list of the channels which have been memorised with the available options:

a) Select programme to be edited → CH ∨ or CH ∧
b) Edit this program → Red button
c) Go to sorting mode → Green button
d) Delete this program → Yellow button
e) Exit this menu → Blue button



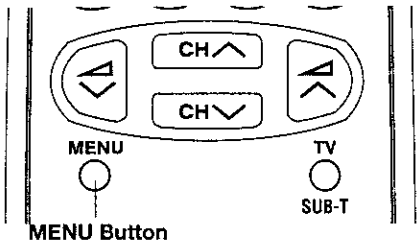
With these options, you will be able to organise the real channels (CH**) Memorised in the TV programmes (Pr 01 ... Pr 40) and put them into your own preferred order.

The following is a detailed explanation of options a), b), c), d) and e).

Menu Structures

This TV set has: a MAIN MENU with four basic menus which permit access to the different functions of the TV.

These menus are as indicated below:



MENU Button

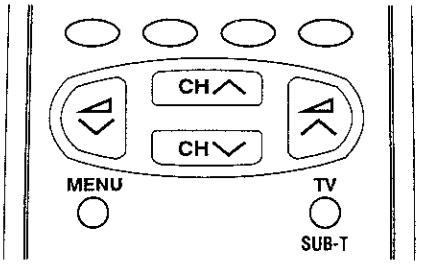
By pressing the MENU button:

MENU	FUNCTIONS
PICTURE ADJUSTMENTS	CONTRAST COLOUR BRIGHTNESS SHARPNESS NORMALIZE: Default Factory Video Levels TINT CONTROL: COOL / WARM OPC (Optical Picture Control): ON / OFF
AUDIO ADJUSTMENTS	VOLUME: LOUDSPEAKERS / HEADPHONES BASS TREBLE BALANCE NORMALIZE: Default Factory Audio Levels LOUDSPEAKERS HEADPHONES SRS SPACE: -/+ CENTRE: -/+ SUBWOOFER: ON / OFF
SET OTHER FUNCTIONS	ON TIMER: TIME / SWITCH ON OFF TIMER: OFF / 120 Min. / 90 Min. / 60 Min. / 30 Min. CHILD LOCK: LOCK ALL / PROGRAMME / CLEAR LOCK DEMO
INSTALL AND TUNE	CHANNEL: CH (Aerial) / CC (Cable) SEARCH (Frecuency Tuning) FINE TUNE: -/+ MODE: TV / VCR / SKIP EDIT: SORTING MODE / DELETE PROGRAMME / EDIT PROGRAMME AUTO-TUNE

TV Channel Setting

Auto Channel Preset with Sorting (ASS: Automatic Channel Sorting System)

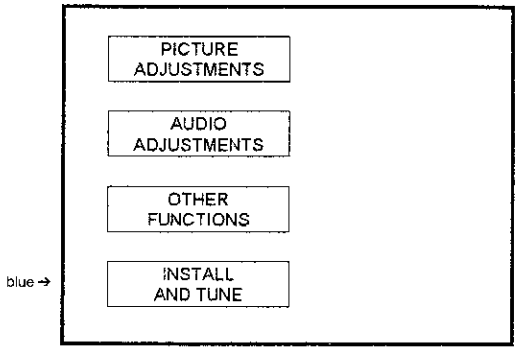
This function frees you of troublesome channel presetting procedures. Simply follow the instructions below to automatically store all no-air and cable real channels into the programme channel memories.



1. Press the MENU button ● to see the Main Menu.

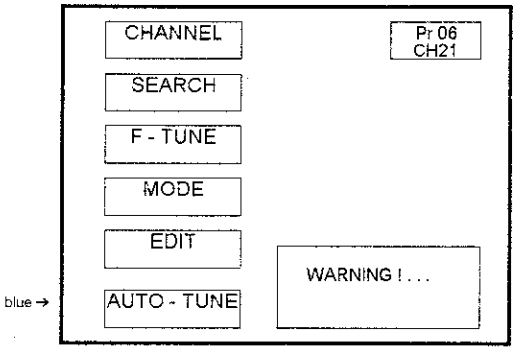
2. Press the Cursor UP button ▲ to select «INSTALL AND TUNE» (blue box).

MAIN Menu



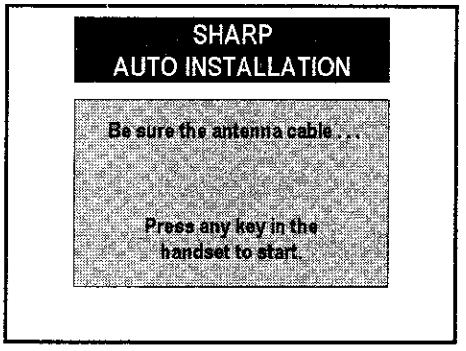
3. Press the MENU button ● to see the TUNE Menu.

4. Press the Cursor UP button ▲ to select AUTO-TUNE (blue box).

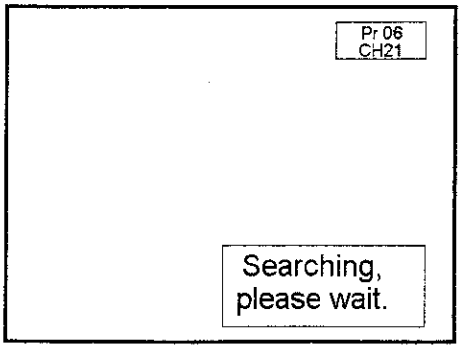


5. Press the MENU button ● to see the AUTO INSTALLATION Menu.

6. Press any button to start the AUTO INSTALLATION.



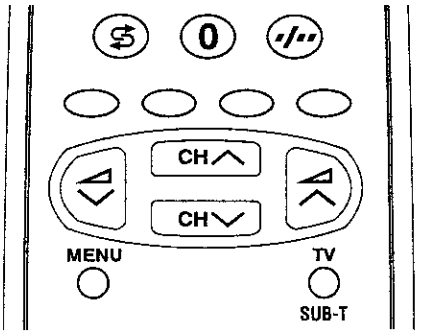
The TV set SEARCHES FOR FREQUENCIES, memorises the channels found and sorts them (according to technical criteria) from Pr-01 of the TV, to a maximum of 40 programmes.
When the AUTOMATIC SEARCH has been completed, the «Stored programmes» menu will appear on screen. In this menu, you can change the order of the channels and change or give the channels a four letter name.
If you wish to rename the channels, or change the order, refer to the page 7, chapter **Stored programmes.**
If you wish to go out of the menu, press the BLUE button.



Manual Channel Preset (PRESET USING REAL CHANNEL NUMBERS)

1. Depending on the programme channel you want to preset, press the -/-- button to select single/double digit entry.

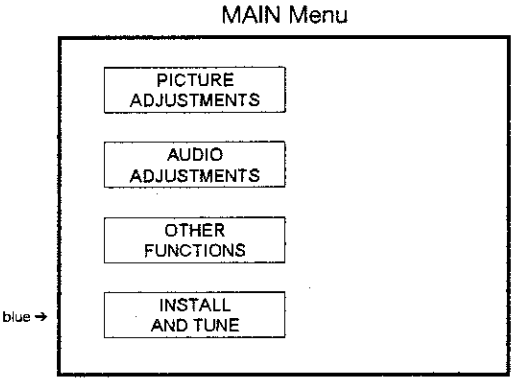
2. Select the programme channel number you want to preset with the 0~9 digit buttons.



3. Press the MENU button ● to see the Main Menu.

4. Press the Cursor UP button ▲ to select «INSTALL AND TUNE» (blue box).

5. Press the MENU button ● to see the TUNE Menu.

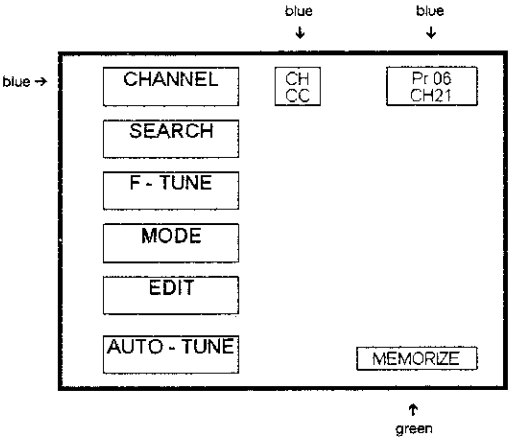


6. Press the Cursor RIGHT button ▶ to select Aerial (CH) or Cable (CC).

7. Enter the real channel number you want to store with the 0~9 digit buttons (two digit entry only).

8. Press GREEN button to memorize.

9. Press the TV button to clear the on-screen display.

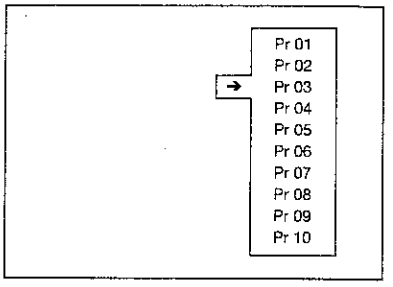


Repeat the above procedure for presetting other programme.

TV Operation

Channel Selection

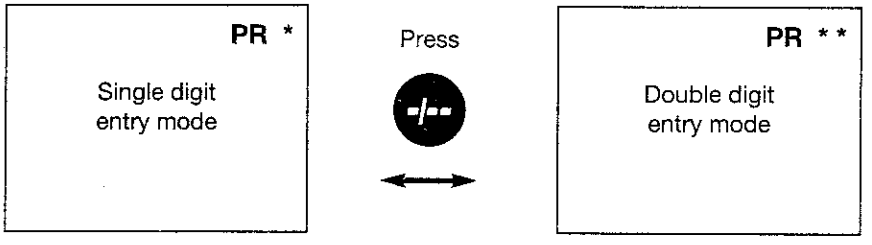
Ⓐ Channel selector (V CH Λ) buttons
Select the programme channel number you want to see, using the channel selector buttons (CH V CH Λ).



You can clear the on-screen display by pressing the TV button.

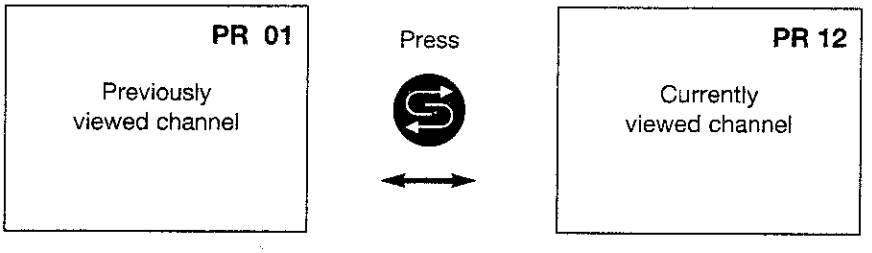
Note: The channels that are in SKIP mode cannot be seen with this buttons. Use numerical buttons to display these channels.

Ⓑ Single/Double entry selector (-/--)
This button selects between one or two digit channel number entry.



Ⓒ 0~9 Digit buttons
You can select channels by pressing the 0~9 digit buttons on the remote control.
(Single digit and double digit entry are available: refer to the Single/Double entry selector).

Ⓓ Flashback button (⇆)
Press this button to switch the currently viewed channel to the previously viewed channel and vice versa.
This function is only available in programme channel selection mode.
I.e. not when AV terminals are in use.



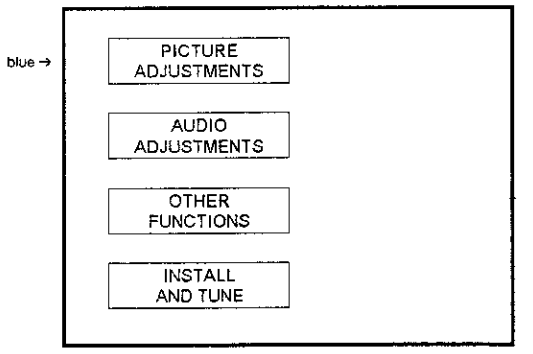
Picture Adjustments

Picture quality (CONTRAST, COLOUR, BRIGHTNESS, SHARPNESS, NORMALIZE, TINT CONTROL and OPC (Optical Picture Control) are adjustable in this menu.

1. Press the MENU button ● to see the MAIN Menu.

2. The PICTURE ADJUSTMENTS option is selected (blue box).

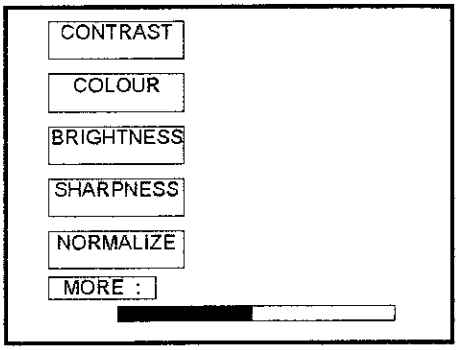
MAIN Menu



3. Press the MENU button ● to see the PICTURE Menu.

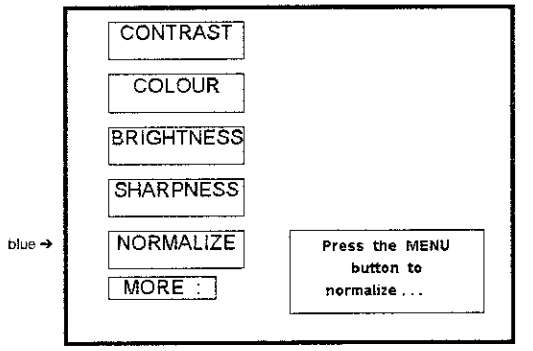
4. Press the Cursor UP/DOWN button ▲/▼ to select an option from the list: CONTRAST, COLOUR, BRIGHTNESS, SHARPNESS or NORMALIZE.
   The selected item will appear on screen in a blue box.

5. Adjust the picture quality to your liking with the Cursor LEFT/RIGHT buttons ◄/►.



NORMALIZE menu

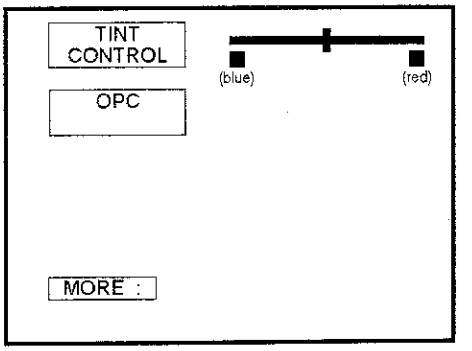
6. Press the MENU ● button if you wish to normalize video levels (CONTRAST, COLOUR, BRIGHTNESS, SHARPNESS) to default factory settings.



7. Pressing continuously ▲/▼ arrows will appear the TINT CONTROL and OPC.

8. Press the Cursor UP/DOWN ▲/▼ buttons to select: TINT CONTROL or OPC.

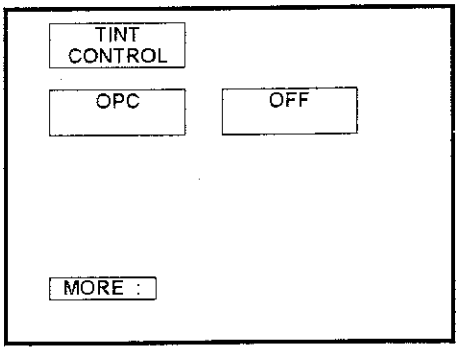
9. Press the Cursor LEFT/RIGHT buttons ◄/► to adjust the picture quality to your liking.



Select TINT CONTROL to adjust your desired skin colour (blue or red).

Select OPC to activate or disactivate (ON/OFF) the Intelligent Picture Control. This function allows the automatic adjustment of the picture contrast proportionate to the rooms light via OPC.

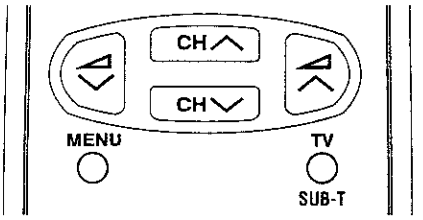
10. Press the TV button ● to close the PICTURE Menu.



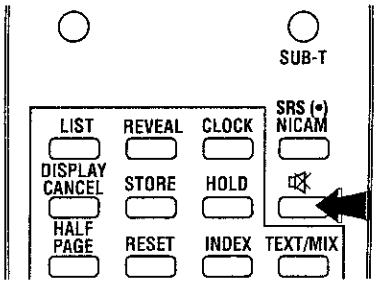
Audio Adjustments

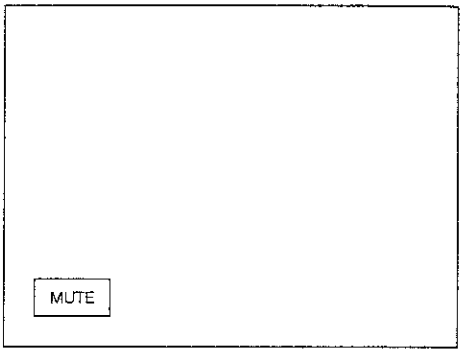
Ⓐ Loudspeakers Sound Volume (V ◿ Λ)
Adjust the sound volume using the V ◿ Λ buttons. Press the buttons to decrease/increase the sound level. The sound volume indicator appears on the screen.

Note: To adjust the headphones sound volume see the SOUND LEVELS menu on page 19.



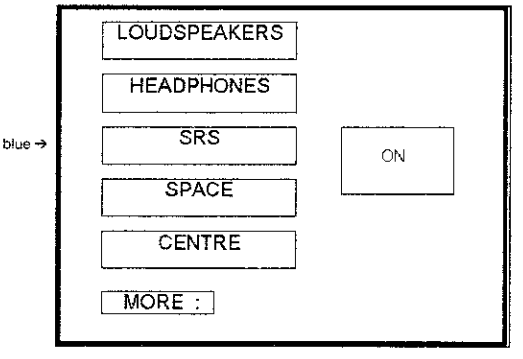
Ⓑ Sound mute button (🔇)
Press the button to mute the sound symbol. MUTE appears on the screen. Press the button again to turn the sound back on.





Ⓒ Sound Mode Selector button SRS (●) NICAM
With the sound mode selector you can:

- Switch the **SRS (●)** 3D Surround effects.
- Select a sound mode to the loudspeakers.
- Select a sound mode to the headphones.
- And set the SPACE, CENTRE, and SUBWOOFER.



1. Press the SRS (●) NICAM button and the sound mode menu will appear on screen.
2. Press the Cursor UP/DOWN buttons ▲/▼ to select: LOUDSPEAKERS, HEADPHONES, SRS, SPACE, CENTRE or SUBWOOFER.
3. Depending on the sound transmission the sound reproduction can be chosen by pressing the Cursor LEFT/RIGHT buttons ◄/► as indicated below:

TRANSMISSION	SRS MODE	IN THE LOUDSPEAKERS	IN THE HEADPHONES	SUBWOOFER
FM - MONO	3D MONO ↔ SRS OFF	only MONO	only MONO	ON ↔ OFF
NICAM - MONO	3D MONO ↔ SRS OFF	MONO NICAM ↔ MONO	MONO NICAM ↔ MONO	ON ↔ OFF
NICAM STEREO	SRS ON → SRS WIDE ↑ ↓ SRS OFF ← 3D MONO 3D MONO ↔ SRS OFF	→ STEREO ↑ ↓ ← MONO	STEREO ↔ MONO	ON ↔ OFF
NICAM BILINGUAL	3D MONO ⇔ SRS OFF	→ DUAL CHANNEL A ↓ DUAL CHANNEL B ↓ DUAL CHANNELS A B ↓ ← MONO	→ DUAL CHANNEL A ↓ DUAL CHANNEL B ↓ DUAL CHANNELS A B ↓ ← MONO	ON ↔ OFF

SPACE control:
You can select SPACE for adjustment of stereo enhancement effect by pressing the Cursor LEFT/RIGHT buttons ◄/►.

CENTRE control:
You can select CENTRE for adjustment of vocal and dialog levels by pressing the Cursor LEFT/RIGHT buttons ◄/►.

Note: If you select SRS OFF or 3D MONO, the SPACE and CENTRE controls not appears.

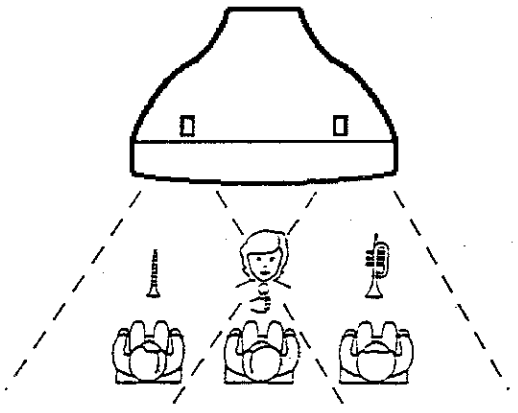
About SRS (●) 3D Surround:

SRS is a breakthrough technology that creates a three dimensional sound by processing sound signals based on the human auditory system. It produces real depth and localization of the sound image which cannot be accomplished by ordinary stereo.
SRS only requires two loudspeakers.

SRS (●) 3D Surround effects:

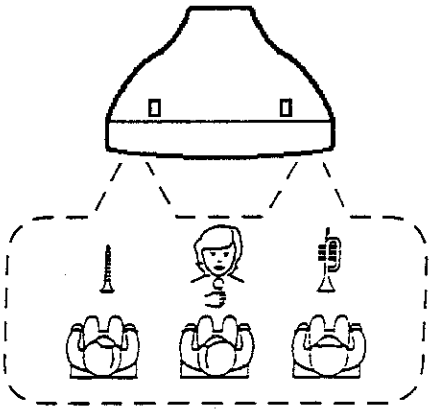
- Live performance atmosphere (Simulates a live concert atmosphere).
- The localization of various musical sources is quite clear. (The positions of the musical instruments and singers are very clear).
- Reproduction of depth (Sounds from the front and back of an orchestra can be identified easily).
- Expansion of the sound field (the sound image is spread out over a wide area).

Ordinary stereo sound



listening area
(listening range with good stereo fidelity)

SRS (●) 3D Surround



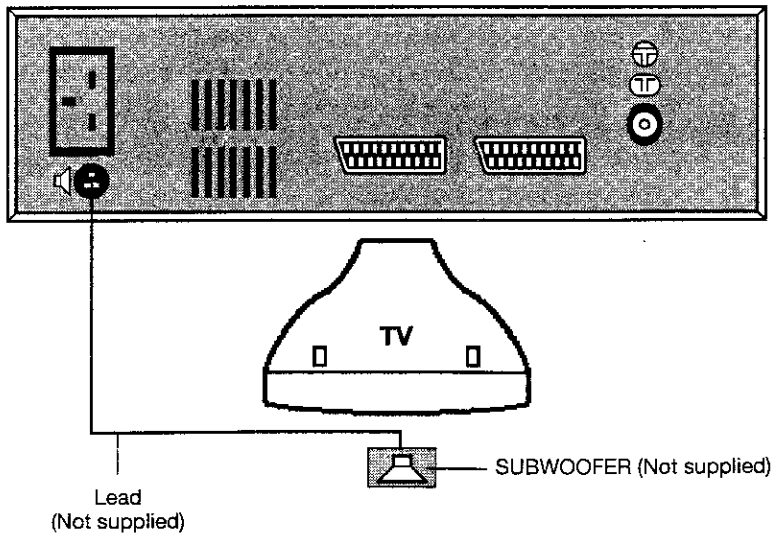
Wide listening area
(Stereo music can be heard anywhere in the room)

External source: When you are watching the TV-set through the EUROSCART, AV-1, SVHS or FRONT AV terminals, the Sound MODE menu is not operative, except in SRS option.

1. Press the SRS (●) / NICAM button and the sound mode menu will appear on screen.
2. Pressing the Cursor RIGHT buttons ▶, the SRS mode switching between: **SRS ON ⟷ SRS WIDE ⟷ SRS OFF.**
3. Press the TV button to clear the on-screen display.

Sound Indicator: When the TV set is receiving a NICAM programme the Sound Indicator lights.

SUBWOOFER connection: 4,5 Ω / 13 W mpo (except 51DS-05H model)
Rear TV



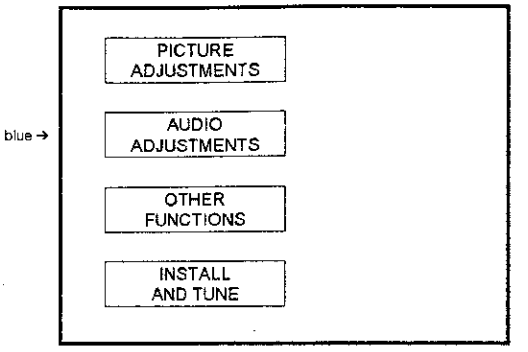
Sound Setting Mode

Sound quality (VOLUME LOUDSPEAKERS, VOLUME HEADPHONES, BASS, TREBLE, BALANCE, MODE, NORMALIZE and SOUND MODE) are adjustable in this mode.

1. Press the MENU button ● to see the MAIN Menu.

2. Press the Cursor DOWN button ▼ to select «AUDIO ADJUSTMENTS».

MAIN Menu

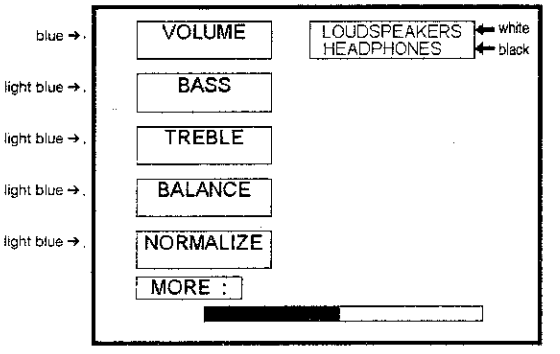


3. Press the MENU button ● to see the SOUND Menu.

4. Press the Cursor UP/DOWN button ▲/▼ to select an option from the list: VOLUME LOUDSPEAKERS/HEADPHONES, BASS, TREBLE, BALANCE, NORMALIZE.

5. Adjust the sound levels with the Cursor LEFT/RIGHT buttons ◄/►.

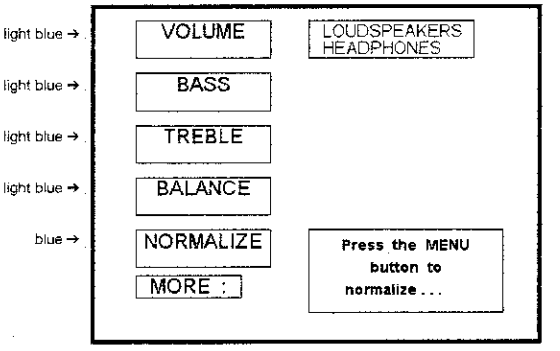
Notes: Bass, treble, balance, and SRS cannot set for headphones.
Balance: the SRS feature modifies the balance behaviour. With SRS ON, SRS WIDE and SRS 3D MONO channels Left and Right are mixed in order to have SRS effect.



NORMALIZE

6.1. Press the MENU button ● if you wish to normalize audio levels to default factory settings.

7. Press the TV button ● to close the AUDIO Menu.

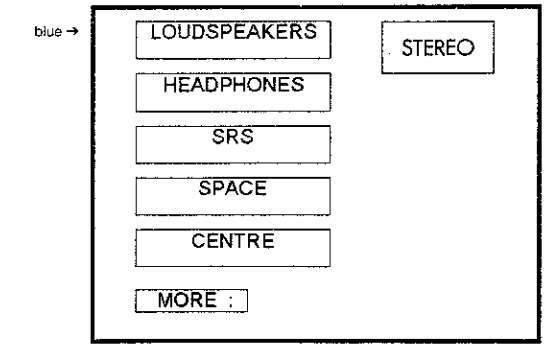


SOUND MODE

6.2.a. Press the Cursor DOWN button ▼ to select: LOUDSPEAKERS, HEADPHONES, SRS etc.

6.2.b. Press the Cursor LEFT/RIGHT buttons ◄/► to change the sound mode, same as indicated on page 17, chapter «Sound Mode Selector button».

7. Press the TV button ● to close the AUDIO Menu.

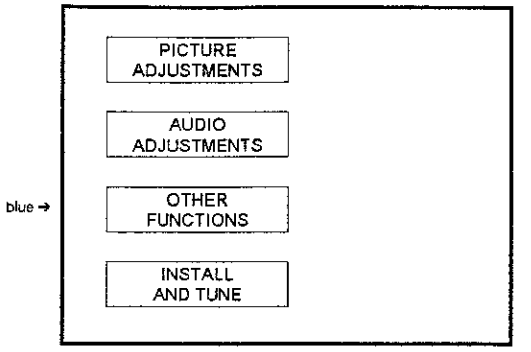


Sound Indicator: When the TV set is receiving a NICAM programme the Sound Indicator lights.

Features setting mode

In this mode you can set the ON-TIMER and OFF-TIMER, set the CHILD LOCK and view all the functions implemented in your TV set demonstration.

MAIN Menu



1. Press the MENU button ● to see the MAIN Menu.

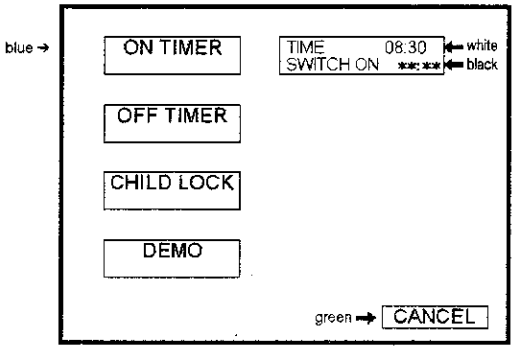
2. Press the Cursor UP button ▲ twice to select the «OTHER FUNCTIONS».

3. Press the MENU button ● to see the FEATURES Menu.

4. Press the Cursor UP/DOWN buttons ▲/▼ to select an option from the list:
   ON TIMER, OFF TIMER, CHILD LOCK or DEMO.
   The selected item will appear on screen in a blue box.

ON TIMER

The On-Timer is used to automatically switch on the TV set during the day.



5. To programme the real TIME: In order to be able to run this function, it is essential to adjust the real time.

   Automatic TIME adjustment: If a programme with teletext is being received, the real TIMER can be adjusted automatically with that signal's clock.

   *Important: If a signal via satellite is being received, or if correct time cannot be obtained, the time will have to be adjusted manually.

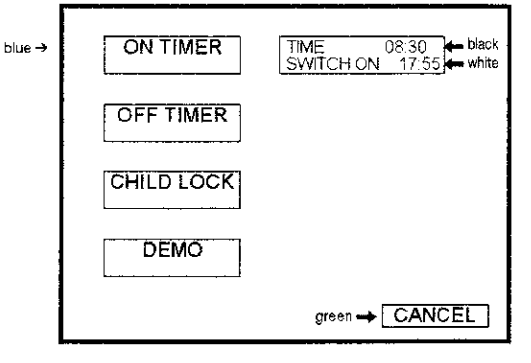
   Manual TIME adjustment: To adjust the time manually, this should be done with the 0 to 9 digit buttons.

6. Press the Cursor RIGHT button ▶ to select: SWITCH ON.

7. Adjusting the SWITCH ON. Once the Real Time has been adjusted, the SWITCH ON can be set with the 0 to 9 digit buttons. The GREEN button is used to cancel the SWITCH ON function.

8. Press the TV button ● to close the FEATURES Menu.

9. Press the Stand-by button (⏻ TV) of the remote control to switch on Stand-by Mode.



* As a safety precaution, in the case of nobody being home when the television switches on automatically, the television will disconnect itself automatically within 120 minutes; if it is to continue to run, any button of the remote control functions should be pressed.

Note: In the event of a power cut, disconnection from the plug or television switch, all the data on the ON TIMER will be cancelled.

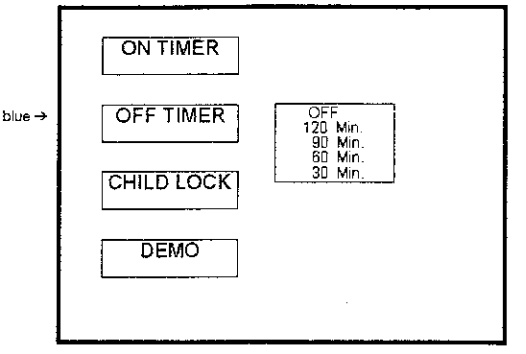
OFF TIMER

The OFF TIMER automatically switches the TV set to standby mode after a predetermined period (30, 60, 90 or 120 minutes).

6. Pressing the Cursor RIGHT button ▶, select the desired period. Select OFF to disconnect off-timer.

7. Press the TV button ● to close the FEATURES Menu.

Note: The OFF TIMER data will be cancelled if you turn off the TV by the Standby button (⏻ TV) on the remote control or with the Main power button on the TV set.

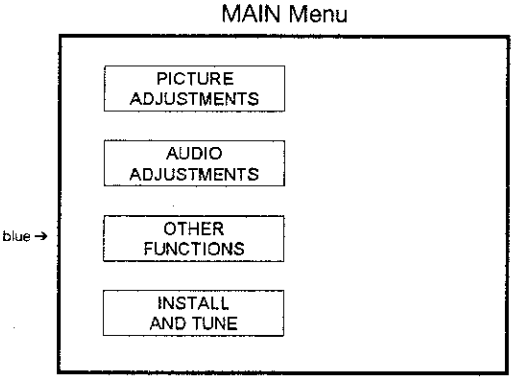


Child Lock (Channel Block)

You can lock a TV channel to prevent unsupervised TV viewing by following these procedure; The protection can apply to the television itself «LOCK ALL» or to specific programmes «PROGRAMME». With the CHILD LOCK function, you can also programme a time period during which the TV will be protected.

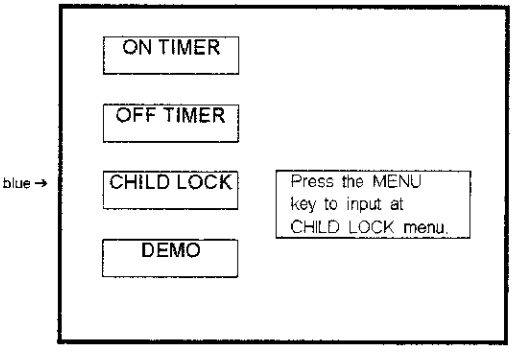
1. Press the MENU button ● to see the MAIN Menu.

2. Press the Cursor UP button ▲ twice to select: «OTHER FUNCTIONS» (blue box).



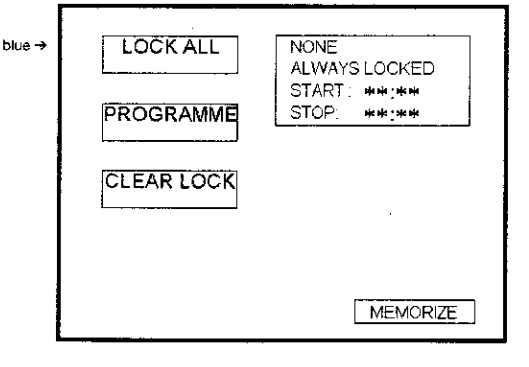
3. Press the MENU button ● to see the FEATURES Menu.

4. Press the Cursor UP button ▲ twice to select CHILD LOCK.



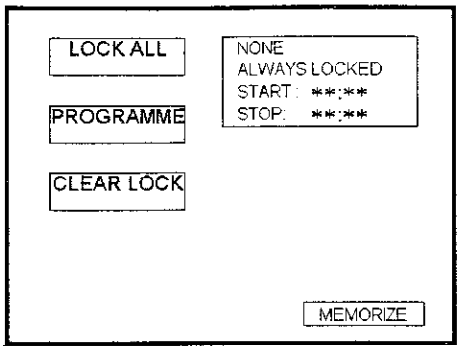
5. Press the MENU button ● to see the CHILD LOCK Menu.

6. Press the Cursor UP/DOWN buttons ▲/▼ to select an option from the list:
LOCK ALL, PROGRAMME or CLEAR LOCK.
The selected item will appear on screen in a blue box.



LOCK ALL

LOCK ALL Menu



Select this option for protecting the access to the whole TV.
If necessary, repeat steps 1. to 5. (page 21) to see the CHILD LOCK Menu.

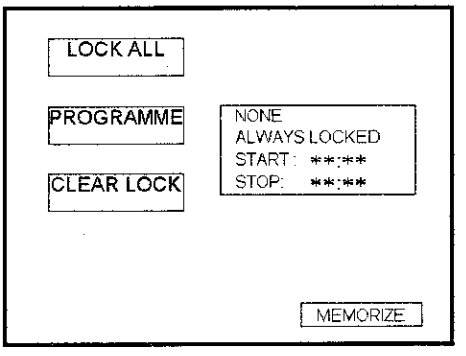
7. Press the Cursor RIGHT button ▶ to select the protection type:

   NONE: To cancel the protection.
   ALWAYS LOCKED: The access to the TV will be protected throughout the day.
   START **: STOP **:**:** Enter the hour and minutes, from the beginning to the end of protection, so that access to the TV will be protected during the programmed period.

8. Press the GREEN button to memorize.
   From now on, before carrying out certain operations, the screen will be blocked and the instruction <LOCKED MODE> will appear. Press any digit button to unlock the TV.

LOCK PROGRAMME

LOCK PROGRAMME Menu



Select this option to protect the access to separate programmes.

1. Press the TV button ● to clear the on-screen display.
2. Select the programme channel number you want to set using the 0 ~ 9 digit buttons or the channel selector (CH V / CH Λ) buttons.
3. Repeat steps 1. to 5. (page 21) to see the CHILD LOCK Menu.
4. Press the Cursor DOWN button ▼ to select PROGRAMME
5. Press the Cursor RIGHT button ▶ to select the protection type:

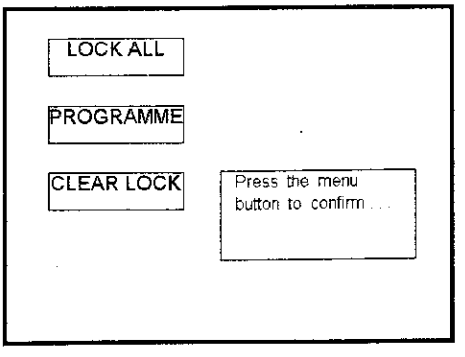
   NONE: To cancel the protection from the selected programme.
   ALWAYS LOCKED: To protect the access from the selected programme throughout the day.
   START **: STOP **:**:** Enter the hour and minutes, from the beginning to the end of protection, so that access to the selected programme will be protected during the programmed period.

6. Press the GREEN button to memorize.
   From now on, before carrying out certain operations, the screen will be blocked and the instruction <LOCKED MODE> will appear. Press any digit button to unlock the TV.

Notes:
In order for the timed protection to function correctly, the internal TV clock must be set at the right time. To check the time setting see section «Automatic or Manual time adjustment» on page 20.
When you protect one programme, all the external entries (Euro-SCART, AV 1, FRONT AV and S-VHS) are protected automatically.

CLEAR LOCK

CLEAR LOCK Menu



This function enables you to erase all the adjustments made to the CHILD LOCK function.
If necessary repeat steps 1. to 5. (page 21) to see the CHILD LOCK Menu.

6. Press the Cursor UP button ▲ to select CLEAR LOCK.
7. Press the MENU button ● to confirm that you want to initialize the CHILD LOCK system.
8. Press the TV button ● to clear the on-screen display.

Access to protected modes

LOCK ALL:

When the TV is protected in this way, it will be blocked when switched on and a red box will appear on the screen (against a blue background), along with the instruction «LOCKED MODE».
In order to view your TV you must press any digit button 0~9 of the remote control.
If the protection is timed, the blocking of the TV will only occur during the time period programmed.

LOCK PROGRAMME:

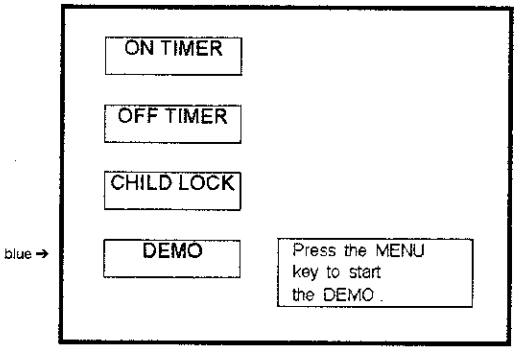
When one or several programmes are protected, the TV will block any attempt to gain access to them and the instruction «LOCKED MODE» will appear on the screen.
In order to view these programmes you must press any digit button 0~9 of the remote control.
If the protecting of the programme you want to gain access to is timed, the blocking of the programme will only take place during the time period programmed.

Because the remote control is the «KEY» to unlock the TV, you must remember not to let the remote control out of your supervision.

Demo

The demonstration function allows you to see all the menus implemented in this TV set.

1. Press the MENU button ● to see the MAIN Menu.
2. Press the Cursor UP button ▲ twice to select «OTHER FUNCTIONS» (blue box).
3. Press the MENU button ● to see the FEATURES Menu.
4. Press the Cursor UP button ▲ to select DEMO.
5. Press the MENU button ● to begin the demonstration.
6. Press any button on remote control to exit this function when you wish.



VCR Mode

SHARP VCR can be operated using this remote control.

Channel selectors (V CH Λ)
These buttons are used for changing channels and setting the timer.

Play button ▶
Press this button to start playback.

Record buttons ●
Press both buttons simultaneously to start recording. If the video cassette is protected against recording, it will be ejected.

Stop button ■
Press this button to stop playback or recording.

Operate button ⏻ I VCR
Press this button to turn your VCR on.

Fast forward/picture search forward ▶▶ and Rewind/picture search reverse ◀◀ buttons
Both these buttons have the following function:
Fast forwarding and Rewinding
① To move through the cassette faster, press the STOP button and then press the ▶▶ or ◀◀ button to fast forward or rewind the cassette.
② Press the STOP button to stop fast forward or rewind.
Picture Search
① During playback, press the ▶▶ button for forward picture search, or the ◀◀ button to reverse search.
② Press the PLAY button to resume normal playback.

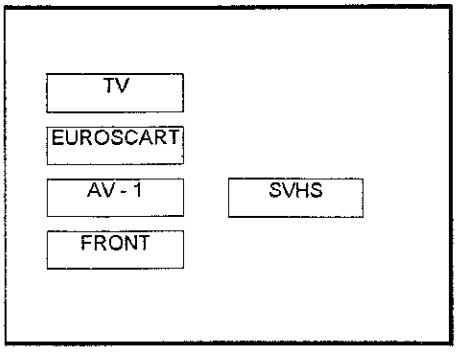
For further details, please refer to operation manual of your VCR.

Other Features

Ⓐ TV/Video selector (TV/VIDEO)

The signal source can be selected from each of the input terminals in this mode.

1. Press the TV/VIDEO selector button and the TV will switch to the signal source displayed for the last time.
2. Press the Cursor UP/DOWN ▲/▼ buttons to select another signal source. The selected source will appear on screen in a blue box.
   If you select <AV-1>:
   Press the cursor LEFT/RIGHT buttons ◄/► to select <AV-1> or <SVHS>.
3. Press the TV/VIDEO button again to clear the on-screen display.



Ⓑ CLOCK button

Press the button to display the current time on the screen.
Note: that this function operates only if the station you are tuned to broadcasts a teletext signal.

Ⓒ TV SUB-T button (Subtitles)

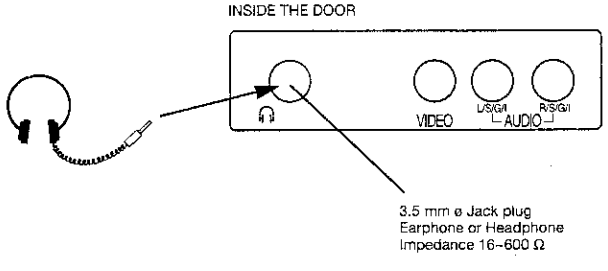
This set has a quick access function for teletext subtitles, so that they can be selected by the press of one button. Simply press the " TV SUB-T " button on the remote control whilst in viewing mode (I.E. not teletex etc.) and subtitles will automatically be selected and displayed on the screen.
To exit this mode press "TV" again on the remote control.

Ⓓ Headphone jack

1. Press the MENU button ● to see the MAIN Menu.
2. Press the Cursor DOWN button ▼ to select «AUDIO ADJUSTMENTS» (blue box).
3. Press the MENU button ● to see the SOUND Menu.
4. Press the Cursor DOWN button ▼ to select VOLUME HEADPHONES.
5. Adjust the sound level with the Cursor LEFT/RIGHT buttons ◄/►.
   Note: Bass, treble, balance and SRS cannot be set for headphones.
6. Press the TV button ● to close the SOUND Menu.

Be sure to insert the headphone plug all the way into the headphone jack.

Safety: In order to protect your ears, turn down the volume of the headphones before connecting them.



TELETEXT Mode

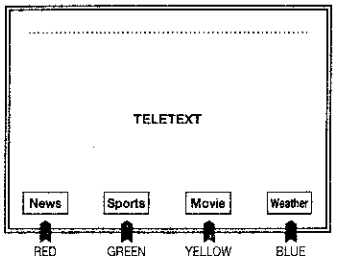
Ⓐ What is Teletext?

Teletext is an information service, organized like a magazine, which is provided by some television stations in addition to regular television broadcasting. Your television receives special Teletext signals broadcast by a TV station, processes the information and displays it graphically on the screen. News, weather and sports information, stock exchange prices, program previews and closedcaptioning for the deaf are among the many services available through Teletext.
Teletext information is organized much like a magazine: according to pages and sub-pages. The basic unit of displayed information is the page. A sub-page is one of a series of pages.
Teletext reception is controlled by using the remote control. Refer to the appropriate button descriptions for operation of the Teletext functions.

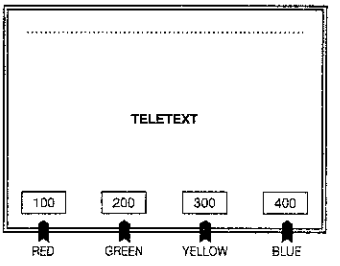
Ⓑ Teletext features

Depending on the TV programme, every Teletext page is transmitted using a different system. Your SHARP TV is adjusted to receive two Teletext systems, namely FLOF and LIST, which are automatically identified by the receiver. The user can easily identify them by the manner in which they appear on the screen.

FLOF

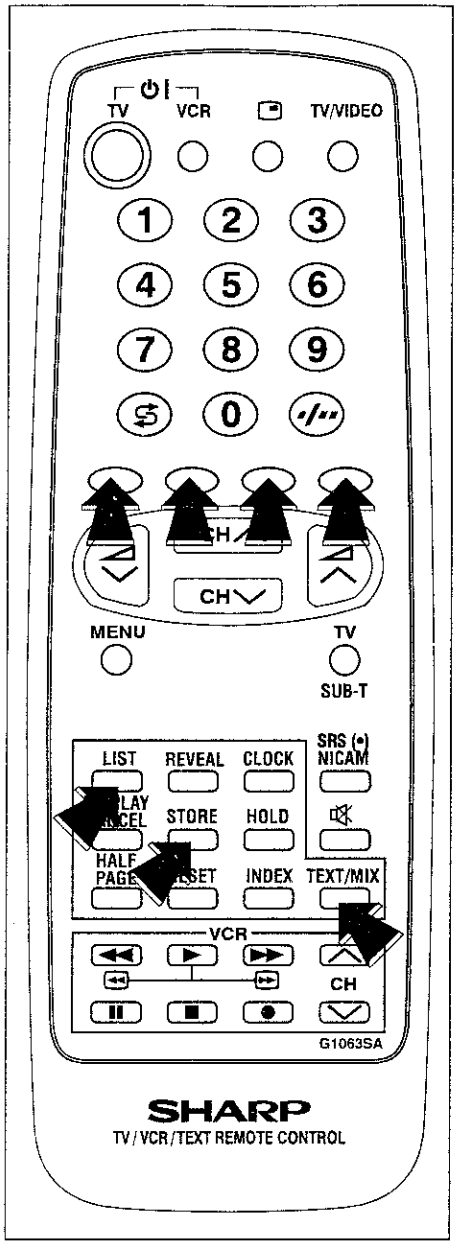


LIST



Ⓒ To switch ON and switch OFF the Teletext

Select a TV channel which is broadcasting the teletext programme you would like to watch. Then press the TEXT/MIX button to select the Teletext mode.
Press the TV button to go out from Teletext mode.



Basic TEXT features common to the two systems

a) Fast Page Selection

Select the appropriate programme channel.
Press the TEXT/MIX button once to enter the teletext mode.
To recall a page number displayed in the coloured brackets, simply press the corresponding coloured button.

b) 0-9 digit buttons

Enter a desired page number with the 0-9 digit buttons. (To select P.100: press 1, 0, 0).

c) Page selector (UP/DOWN)

You can sequentially select page numbers by pressing the Cursor UP/DOWN buttons ▲/▼ or the (CH V / CH Λ) buttons (channel selector buttons in the TV mode).

Other TEXT features common to the two systems

Ⓐ TEXT/MIX button

In TV mode: Press the TEXT/MIX button to enter the teletext mode.
In teletext mode: Press the TEXT/MIX to superimpose a teletext broadcast onto the current TV programme screen.
In mixed mode: Press the button again to return to the normal teletext screen.

Ⓑ HALF/PAGE button

Each time you press the button, the upper/lower half of the teletext page is magnified and displayed on the screen.

Ⓒ HOLD button

Any teletext page can be held on the screen by pressing the HOLD button.
Press the button again to cancel the hold mode.

Ⓓ REVEAL button

Press this button to reveal hidden information such as the answer to a quiz.
Press the button again to hide the information.

Ⓔ CLOCK button

In TV mode: When the TV signal with TEXT data is received, by pressing this button the real time information will appear on the top left area of the screen.
In Teletext mode: When a selected Teletext page has hidden subpages, these pages can be seen in the following manner:

1. Press the CLOCK button. Screen will show « = = = = ».
2. Enter 4 digits corresponding to the subpage desired. E.g. 0021 for subpage number 21.
3. Wait until the page appears.

NOTE: You can use this button together with the DISPLAY CANCEL button. This means that you can view the main TV picture until the subpage has been found. The on screen TV icon in the top left side of the screen will change colour when the subpage has been found.
Press the TEXT/MIX button to view the subpage.

Ⓕ DISPLAY/CANCEL button

With this button Teletext information is cancelled and TV picture is restored. indication is shown on screen.
In this position, a TV programme cannot be changed, being in Teletext/Cancelled mode. When a change takes place in the Teletext information, the upper time of the cancelled page or some other indication of special pages is shown on screen. To uncancel, press TEXT/MIX button and the whole teletext page is shown.
NOTE: This button can be used together with the clock button while awaiting subpages.

Ⓖ RESET button

Press the reset button to return back to index page and go out from Teletext mode.

Ⓗ LIST button

Pressing this button you force the teletext to LIST MODE. It means that row 24 (bottom row of TXT) will not have transmitter information, only the pages that user have previously stored in the memory. (More information on the next page - Teletext Page memory List -).
Pressing LIST button again we go out from LIST MODE and system is going to be identified again (FLOF).

Ⓘ Index button

Press the INDEX button to return back to index page.

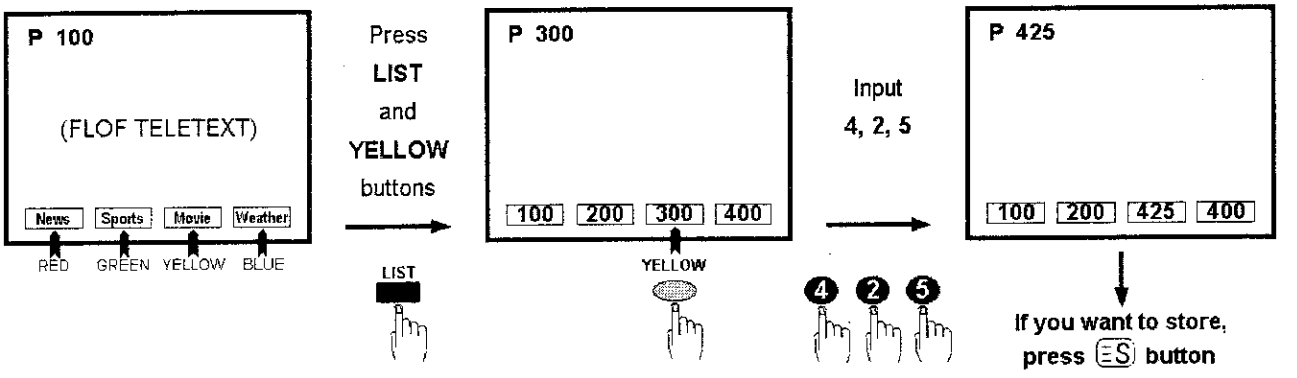
Advanced TEXT operation -LIST mode-

Teletext Page memory List

a) How to Operate Page Memory

Your TV has 44 teletext page number memories for fast recall of teletext information.
In programme positions 1 through 10, four teletext page numbers can be stored in each position; a total of 40 pages.
In programme positions 11 through 40, only one programme with 4 page numbers can be stored. If you try to store more than 4 page numbers in a programme position between 11 and 40, the previously stored page numbers will be erased.
Select the programme channel number into which you want to store teletext page numbers.

1. Press the TEXT/MIX button to enter the teletext mode.
2. Press the LIST button to change from FLOF system to LIST mode.
3. Press a coloured button corresponding to the coloured brackets on the screen for page number storage.
4. Enter the teletext page number using the 0 ~ 9 digit buttons (enter three digits) or channel selector (CH V / CH Λ). buttons.
5. Repeat steps 3. and 4. until the numbers for the desired pages have been entered.
6. Press the STORE button to memorize the page numbers if you want. The symbol [ES] appears on the screen.
7. Press the TV button to exit the teletext mode.



b) Fast Page Selection - LIST mode -

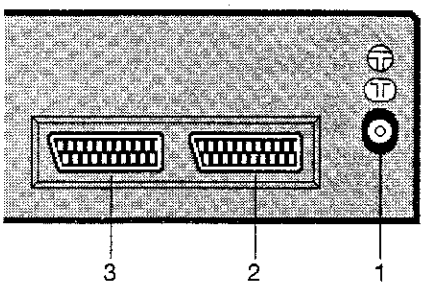
1. Select the appropriate programme channel.
2. Press the TEXT/MIX button to enter the teletext mode.
3. Press the LIST button to change from FLOF system to LIST mode.
4. To recall a page number displayed in the coloured brackets, simply press the corresponding coloured button.

21-pin Euro-SCART and 21-pin Audio/Video

REAR TV

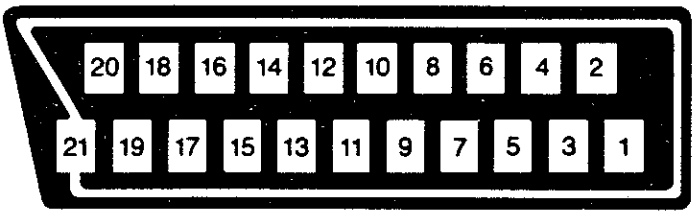
RF Input

1. Antenna terminal



21-pin In/Out

2. 21-pin Euro SCART (Full connect, RGB)
3. 21-pin Audio/Video (AV-1) with S-Video Input



21-pin Euro-SCART (RGB)

1. Audio right output
2. Audio right input
3. Audio left output
4. Common earth for audio
5. Earth for blue
6. Audio left input
7. Blue input
8. Audio-video control
9. Earth for green
10. Not used
11. Green input
12. Not used
13. Earth for red
14. Not used
15. Red input
16. Red/Green/Blue control
17. Earth for video
18. Earth for Red/Green/Blue control
19. Video output
20. Video input
21. Plug shield

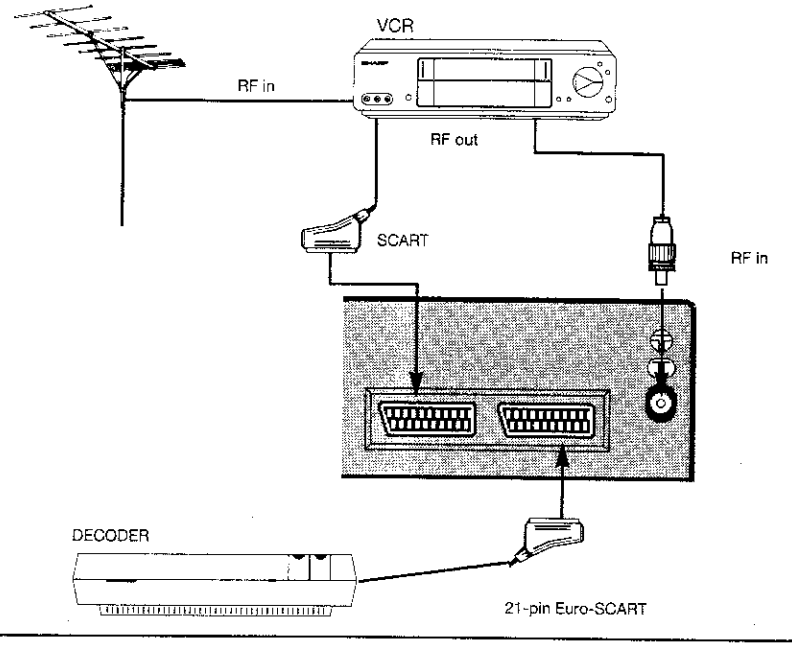
21-pin Audio/Video (AV-1) with S-Video Input

1. Audio right output
2. Audio right input
3. Audio left output
4. Common earth for audio
5. Earth
6. Audio left input
7. Not used
8. Audio-video control
9. Earth
10. Not used
11. Not used
12. Not used
13. Earth
14. Not used
15. Chroma S-Video input
16. Not used
17. Earth for video
18. Earth
19. Video output
20. Video input / S-Video input
21. Plug shield

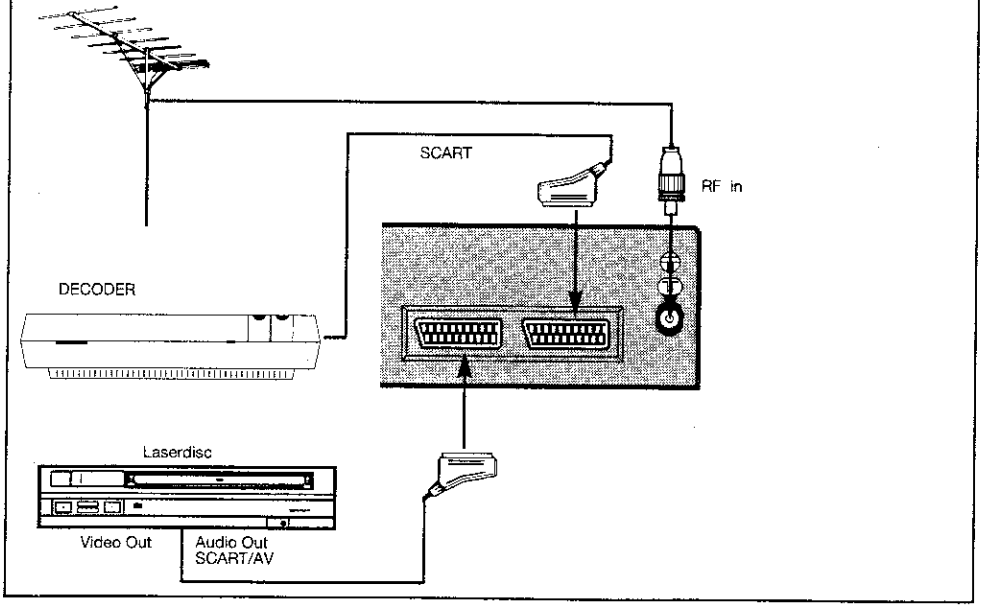
Typical connection (Videorecorder/Decoder) through the 21-pin Euro-SCART

Please refer to the operation manual of your VCR for details.

Typical connection (Videorecorder and TV) through the RF terminal



Typical connection (Disc, Decoder and TV) through the 21-pin Euro-SCART



Troubleshooting

If the problem cannot be corrected by the use of this guide, remove the mains plug from the wall socket, and contact the Dealer or Supplier from whom the unit was purchased in order to obtain service. Where this is not possible please contact the telephone number listed below.
You will then be given details of how to obtain service.

0345-125387

Please Note: All calls will be charged at local rate.
Certain replacement parts and accessories may be obtained from our Main Parts Distributor, who can be contacted on the following numbers:

Willow Vale Electronics Ltd.
MANCHESTER 0161-682-1415 READING 01734-876444

In the unlikely event of this equipment requiring repair during the guarantee period, you will need to provide proof of the date of purchase to the repairing company. Please keep your invoice or Receipt, which is supplied at the time of purchasing.

Quick Service Check List / **Problems**	**Possible Causes/Remedies**	Try a new channel to check for possible station trouble	TV not plugged in Outlet power OFF	Main Power button of TV not ON	Antenna not connected to terminal at the back of the TV set	If outside antenna is used, check for broken wires	Check for local interference	Turn off using the Main Power button, then turn ON again after a minute	Adjust COLOUR control	Check batteries in the Remote Control	Try fine tuning to correct	Check if the Brightness or Contrast setting in the picture setting mode might be all the way to the minus side	Increase the volume
Remote control does not work			●	●				●		●			
Bars on screen						●	●						
Picture distorted		●				●					●		
Picture rolls vertically		●				●	●						
No colour		●			●	●			●		●		
Poor reception on some channels		●			●	●	●						
Picture weak		●			●	●			●		●		
Picture lines or streaks		●				●	●						
Picture ghosting		●			●	●	●						
Picture blurred		●				●					●		
Sound OK, picture poor		●			●	●	●		●		●	●	
Picture OK, sound poor		●					●						●
No picture or sound		●	●	●	●	●		●				●	●

General Specifications for Television Receiver

Item: *IC Solid State Colour TV Receiver*

Models: ***51DS-05H, 59DS-05H, 66DS-05H***

Chassis: *CA-10 Chassis (IC & Transistorised Chassis)*

1.	*Receiving Broadcast Standard*		*CCIR TV Standard system PAL-I*		
2.	*Receiving System*		*VHF: CH 01 - CH 09 (A - J)* *UHF: CH 21 - CH 69 (I 21 - I 69)* *C A T V: CC 01 - CC 68*		
3.	*Receiving System*	*Sound:* *Colour System:* *Field Frequency:*	*NICAM STEREO* *PAL* *Pal 50/60 HZ Capability*		
4.	*Power Source*		*220V-240V AC 50Hz*		
			51DS-05H	***59DS-05H***	***66DS-05H***
5.	*Power Consumption at 240V AC 50Hz*		*90 W max.*	*125 W max.*	*125 W max.*
6.	*Power Consumption at (Stand-by)*		*3 W max.*	*3 W max.*	*3 W max.*
7.	*Audio Output (mpo)*				
	Internal speaker:		*10+10 W*	*10+10 W*	*10+10 W*
	External speaker: Subwoofer output:		*--------*	*13 W (4,5 Ω)*	*13 W (4,5 Ω)*
8.	*Dimensions (approx.)*	*width:* *height:* *depth:*	*612 mm* *459 mm* *492 mm*	*695 mm* *537 mm* *431 mm*	*740 mm* *568 mm* *472 mm*
9.	*Viewing Area (diagonal measurement)*		*51 cm (21")*	*59 cm (25")*	*66 cm (28")*
10.	*Weight (approx.)*		*20 Kg*	*27 Kg*	*31 Kg*
11	*Speaker (2 pcs)*		*6x13 cm*	*6x13 cm*	*6x13 cm*
12	*Antenna Input Impedance*		*UHF 75 Ohm Unbalanced*		
13.	*Safety*		*EN60065, CE - MARK BEAB approved*		
14.	*EMC*		*EN55013, EN55020, CE - MARK*		
15.	*Accessories & etc.*				
	a) User Instruction		*Yes*		
	b) Remote Control		*Yes*		
	c) Battery		*2 pcs.*		

16. *Other Features:*
    - *a) Auto Installation System*
    - *b) ACSS function (Auto Channel Sorting System)*
    - *c) 40 Channel Programming System*
    - *d) Cable and Hyperband*
    - *e) Teletext*
    - *f) OSD System (ON Screen Display)*
    - *g) Tint Control*
    - *h) OPC (Optical Picture Control)*
    - *i) Blue Back Noise Mute Function*
    - *j) Digital Stereo NICAM*
    - *k) 3D SURROUND SRS*
    - *l) SUBWOOFER connection (Except 51DS05H model)*
    - *m) Child Lock System*
    - *n) ON-OFF Timer*
    - *o) 21 pin Euro SCART Connector (RGB)*
    - *p) 21 pin Audio/Video Connector (AV-1) With S-Video Input*
    - *q) Front Audio/Video Input Terminal*
    - *r) Headphone Terminal*

SHARP

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